

ASSIGNMENT 9

Textbook Assignment: "Ammunition Storage and Handling Ashore," chapter 12, pages 12-1 through 12-26.

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- 9-1. All units of naval ashore and Marine Corps establishments that produce, store, ship, or otherwise handle ammunition, explosives, and other hazardous materials are under the management and control of which of the following activities?
1. NAVAIRSYSCOM only
 2. NAVSEASYSYSCOM only
 3. NAVAIRSYSCOM and NAVSEASYSYSCOM
 4. NAVAIRSYSCOM and COMNAVAIRPAC
- 9-2. Magazines ashore are designated according to their intended use. There are high-explosive magazines, ready-service magazines, and what other magazines?
1. Small-arms magazines
 2. Smokeless-powder magazines
 3. Solid-propellant magazines
 4. Liquid-propellant magazines
- 9-3. A standard triple-arch, earth-covered magazine provides what total floor area?
1. 1,500 Sq ft
 2. 2,000 Sq ft
 3. 6,000 Sq ft
 4. 6,500 Sq ft
- 9-4. What type of magazine is made from concrete and is shaped like a beehive or dome?
1. Gallery
 2. Corbetta
 3. Keyport
 4. Box
- 9-5. The Q-D hazard classification system is based on a system recommended by what organization?
1. DOD
 2. DOT
 3. UNO
 4. NATO
- 9-6. The Q-D hazard classification system contains a total of how many classes of hazardous materials?
1. Seven
 2. Nine
 3. Three
 4. Four
- 9-7. AOs are primarily involved with what hazard classification?
1. Class 1
 2. Class 2
 3. Class 3
 4. Class 4
- 9-8. DOD hazard class 1 has what maximum number of divisions?
1. 10 divisions
 2. 8 divisions
 3. 7 divisions
 4. 5 divisions
- 9-9. Ammunition and explosives that are considered mass-detonating hazards have what classification?
1. Hazard class 1, division 3
 2. Hazard class 1, division 1
 3. Hazard class 3, division 3
 4. Hazard class 3, division 1
- 9-10. The fire resistant structures that are used to store moderate fire hazard materials should be what minimum distance from other facilities?
1. 100 ft
 2. 200 ft
 3. 300 ft
 4. 50 ft
- 9-11. When shipped, items within class 1, division 5, are assigned to what compatibility group?
1. D
 2. C
 3. B
 4. A
- 9-12. Ammunition and explosives in transit are regulated by what U.S. Government department?
1. Treasury
 2. Transportation
 3. Defense
 4. Commerce
- 9-13. Wet lead oxide, wet lead styphnate, and wet mercury initiating explosives are in what storage compatibility group?
1. A
 2. B
 3. H
 4. J

- 9-14. Fuzes with two or more safety features are in what storage compatibility group?
1. A
 2. c
 3. D
 4. F
- 9-15. Items containing WP or PWP are in what storage compatibility group?
1. H
 2. J
 3. L
 4. s
- 9-16. Items filled with lethal or incapacitating chemical agents are in what storage compatibility group?
1. K
 2. J
 3. B
 4. c
- 9-17. The storage compatibility groups assigned to ammunition and explosives are approved by what command?
1. NAVSBASYSOT4
 2. NAVAIRSYSCOM
 3. NAVAIRPAC
 4. NAVAIRLANT
- 9-18. A magazine designator consists of the magazine group and sequence numbers, the magazine type, and which of the following items?
1. The magazine model number
 2. The magazine initial service date
 3. The magazine capacity
 4. The magazine serial number
- 9-19. In the magazine designator 4XTX4, which of the following numbers or letters indicates the magazine group number?
1. The number 4 in the first position
 2. The letters ET in the second and third positions
 3. The letters TX in the third and fourth positions
 4. The number 4 in the fifth position
- 9-20. In the magazine designator 4XTX4, which of the following numbers or letters indicates that the magazine is earth-covered and barricaded?
1. The number 4 in the first position
 2. The letter X in the second position
 3. The letter T in the third position
 4. The letter X in the fourth position
- 9-21. In the magazine designator 5ZS2, what number or letter indicates that the magazine is barricaded but NOT earth-covered?
1. The number 5
 2. The letter Z
 3. The letter S
 4. The number 2
- 9-22. The Q-D requirements do NOT allow the use of an explosive capacity design for a standard magazine because of insufficient separating distance. What letter is added to the designator to indicate this situation?
1. X only
 2. Y only
 3. Z only
 4. X, Y, or Z
- 9-23. Magazine symbol-hazard placards should be mounted at locations that are visible in the daytime from what minimum distance?
1. 500 ft
 2. 1,000 ft
 3. 1,500 ft
 4. 2,000 ft
- 9-24. Magazine symbol-hazard placards are used for which of the following purposes?
1. To identify the persons responsible for the hazards involved
 2. To help fire fighters determine the types of equipment and procedures to use
 3. To identify the work center responsible for the hazards involved
 4. To identify a magazine within the magazine group

- 9-25. When an advanced base is established, the storing and handling facilities are subdivided into a magazine area, a disposal area, a renovation area, a pier area, an administration area, and which of the following areas?
1. A special weapons area
 2. A ground defense area
 3. An enemy ammunition area
 4. A restricted area
- 9-26. At an advanced base, ammunition modification should be performed in what area?
1. The magazine area
 2. The disposal area
 3. The renovation area
 4. The pier area
- 9-27. At an advanced base, the disposal area should be what minimum distance from the nearest ammunition storage site?
1. 800 yd
 2. 600 yd
 3. 500 yd
 4. 400 yd
- 9-28. At an advanced base, an enemy ammunition area should be what minimum distance from other storage areas?
1. 800 yd
 2. 600 yd
 3. 500 yd
 4. 400 yd
- 9-29. At an advance base, ammunition may be stored in which of the following locations?
1. Approved magazines only
 2. Existing buildings only
 3. Dry caves and tunnels only
 4. Approved magazines, existing buildings, dry caves, and tunnels
- 9-30. At an advanced base, the front walls of prefabricated magazines are constructed from which of the following materials?
1. Reinforced concrete with a minimum thickness of 6 inches
 2. Heavy-gauge metal plates reinforced with angles and channels
 3. Reinforced concrete with a minimum thickness of 12 inches
 4. Heavy timbers reinforced with metal angles and channels
- 9-31. At an advanced base, when magazines or existing buildings are NOT available, ammunition may be stored in which of the following locations?
1. In a tent only
 2. On a woven mat only
 3. In a thatched-roof hut only
 4. In a tent, on a woven mat, or in a thatched-roof hut
- 9-32. Piles of ammunition stored in the open and unprotected by temporary shelters should be covered with which of the following materials?
1. A double thickness of plastic
 2. A single thickness of muslin
 3. A double thickness of tarpaulin
 4. A single thickness of tarpaulin
- 9-33. The earth barricades around individual piles of ammunition should be at least how much higher than the ammunition it protects?
1. 1 ft
 2. 2 ft
 3. 3 ft
 4. 4 ft
- 9-34. In very hot climates, which of the following ammunition should NOT be stored in caves or tunnels?
1. Aircraft bombs
 2. Practice bombs
 3. Ammunition that contains smokeless powder
 4. Ammunition that contains high explosives
- 9-35. At an advanced base, the magazine identification system consists of which of the following elements?
1. A magazine group number and a magazine indicator
 2. A group construction symbol and a hazard indicator
 3. A storage area number and a color-hazard indicator
 4. A group-construction symbol and a magazine capacity indicator
- 9-36. At an advanced base, the letters X, Y, or Z are used to identify the explosive hazards of which of the following storage sites?
1. Magazines or buildings used as magazines only
 2. Caves and tunnels only
 3. Open storage sites only
 4. Magazines or buildings used as magazines, caves, tunnels, and open storage sites

- 9-37. In a magazine containing ammunition, which of the following information should be conspicuously posted on one of the doors?
1. The hazard classification
 2. The Q-D table maximum permissible quantities
 3. The applicable safety precautions and regulations
 4. Each of the above
- 9-38. At an advanced base, ammunition is dispersed for which of the following reasons?
1. To prevent the loss of an entire supply of any one type of ammunition
 2. To make any one type of ammunition more accessible
 3. To provide more storage space for specific types of ammunition
 4. To avoid the need for large-capacity storage areas
- 9-39. At an advanced base, complete rockets should be stored-as what category of material?
1. A
 2. B
 3. C
 4. D
- 9-40. At an advanced base, aircraft bombs should be stored as what category of material?
1. A
 2. B
 3. C
 4. D
- 9-41. At an advanced base, category D material should be separated from materials in the other categories by what minimum distance?
1. 600 ft
 2. 200 ft
 3. 300 ft
 4. 400 ft
- 9-42. At an advanced base, category E material should be separated from materials in the other categories by what minimum distance?
1. 100 ft
 2. 200 ft
 3. 300 ft
 4. 400 ft
- 9-43. Personnel engaged in operations that involve ammunition, explosives, and similar hazardous materials must meet which of the following criteria?
1. Be trained only
 2. Be qualified only
 3. Be certified as physically qualified by a physician only
 4. Be trained, qualified, and certified as physically qualified by a physician
- 9-44. Lightning protection is required for all ordnance handling buildings, storage facilities, and handling areas that have thunderstorms occurring at least how many times each year?
1. Five
 2. Two
 3. Three
 4. Four
- 9-45. The Navy uses which of the following lightning protection systems?
1. Primary only
 2. Secondary only
 3. Primary and secondary
 4. Direct and indirect
- 9-46. The separately mounted lightning mast system and the separately mounted overhead groundwire system are what type of lightning protection systems?
1. Primary
 2. Secondary
 3. Direct
 4. Indirect
- 9-47. Signs posted at the entrances of restricted areas should contain all EXCEPT which of the following words ?
1. Restricted
 2. Credentials
 3. Stop
 4. Explosives
- 9-48. When magazine and explosive areas are NOT protected by suitable fencing, which of the following precautions should you take?
1. Notify the officer of the day
 2. Notify the commanding officer
 3. Assign guards or patrols
 4. Light the areas

- 9-49. For specific requirements regarding posting, fencing, unguarded facilities, unguarded vehicles, emergency events, and security systems, you should refer to which of the following instructions?
1. OPNAVINST 5510.15
 2. OPNAVINST 5530.13
 3. SPCCINST P8010.12
 4. CINCLANTFLTINST 8010.4
- 9-50. A magazine inspection is conducted to ensure which of the following conditions?
1. Repairs are made only
 2. Safety regulations are being observed only
 3. Contents are not deteriorating only
 4. Repairs are made, safety regulations are being observed, and contents are not deteriorating
- 9-51. A regularly scheduled magazine area inspection is conducted for which of the following reasons?
1. To ensure firebreaks are maintained
 2. To ensure fire protection equipment is available and serviceable
 3. To ensure roads are in good and usable condition
 4. Each of the above
- 9-52. Magazines and magazine areas may be inspected at night to check for which of the following conditions?
1. Safety
 2. Security
 3. Cleanliness
 4. Temperature
- 9-53. Magazine inspection logbooks may be destroyed after what minimum number of months have elapsed since the date of the last entry?
1. 15 months
 2. 12 months
 3. 9 months
 4. 6 months
- 9-54. Ordnance handling equipment should be inspected at least how often?
1. Daily
 2. Immediately prior to use only
 3. During use only
 4. Immediately prior to use and during use
- 9-55. For detailed instructions on shipping, receiving, and reporting ammunition shipments, you should refer to which of the following NAVSEA publications?
1. OP 2136
 2. OP 2142
 3. OP 2165
 4. OP 2173
- 9-56. As assigned by the Department of Transportation, all naval explosives fall into what three classes of explosive hazard categories?
1. A, B, and C
 2. A, C, and E
 3. C, G, and H
 4. G, H, and J
- 9-57. Explosives that function by rapid combustion rather than by detonation are in what Department of Transportation explosive hazard classification?
1. A
 2. B
 3. C
 4. D
- 9-58. Small-arms ammunition are in what Department of Transportation explosive hazard classification?
1. A
 2. B
 3. C
 4. J
- 9-59. The qualification requirements for explosives drivers are contained in which of the following NAVSEA publications?
1. OP 2239
 2. OP 2173
 3. OP 5
 4. OP 4
- 9-60. The requirement for an explosives driver to hold a valid state operator's license is permanently waived under which of the following conditions?
1. When the driver is on active duty and at least 18 years old
 2. When the driver is stationed outside the United States and is otherwise eligible
 3. When the driver is restricted to vehicle operation within a military activity
 4. When a driver is a civilian not subject to NAVSEASYSKOM restrictions

- 9-61. When driving a vehicle transporting hazardous materials, a driver must carry an explosives driver's permit and what other document?
1. An on-station trip ticket
 2. An off-station trip ticket
 3. A medical examiner's certificate
 4. A government bill of lading
- 9-62. Unless otherwise suspended or revoked, a Standard Form 46 is valid for what maximum number of months ?
1. 48 months
 2. 36 months
 3. 24 months
 4. 12 months
- 9-63. To legally operate motor vehicles transporting hazardous materials off-station, an explosives driver must be at least what age?
1. 17 yr
 2. 18 yr
 3. 20 yr
 4. 21 yr
- 9-64. A person applying for certification as an explosives driver must complete an explosives driver training course of what minimum length?
1. 40 hr
 2. 12 hr
 3. 8 hr
 4. 4 hr
- 9-65. What person is responsible for paying fines incurred by the operator of a Navy vehicle?
1. The commanding officer
 2. The executive officer
 3. The division officer
 4. The vehicle operator